

**Mathematical, Physical and Life Sciences Division****Approved at the meeting of N/A****Title of Programme**

Honour School of Computer Science and Philosophy

**Brief note about nature of change:** correction to the *Special Regulations for Philosophy in all Honour Schools including Philosophy*, to clarify that B1 Set Theory and Logic will not be available to students in Computer Science and Philosophy (this brings the *Special Regulations for Philosophy in all Honour Schools including Philosophy* into line with the regulations for the Honour School of Computer Science and Philosophy).

**Effective date****For students starting from MT 2013 (Part B 2014)****For first examination from 2014-15****Location of change**In *Examination Regulations* 2013, as amended by *Gazette* of 27 March 2014.**Detail of change**

From online version at [http://www.admin.ox.ac.uk/examregs/11-30ap\\_SPECIAL\\_REGULATIONS\\_FOR\\_PHILOSOPHY\\_IN\\_ALL\\_H\\_S\\_INCLUDING.shtml](http://www.admin.ox.ac.uk/examregs/11-30ap_SPECIAL_REGULATIONS_FOR_PHILOSOPHY_IN_ALL_H_S_INCLUDING.shtml)

**1. “119. Formal Logic**

**[From 1 October 2014:** This paper was examined for the last time in Trinity Term 2014 and will not be available thereafter. Students in all Philosophy Honour Schools except Mathematics and Philosophy, and Computer Science and Philosophy may, after Trinity Term 2014 and until further notice, offer the paper(s) in Set Theory and Logic from part B of the Honour School of Mathematics, which shall count as one Philosophy paper.]”

## **2. “General regulations**

**[From 1 October 2014:** (x) Except in the schools of Mathematics and Philosophy, and Computer Science and Philosophy, and in part C of the school of Physics and Philosophy, the paper(s) from part B of the Honour School of Mathematics in Set Theory and Logic may be taken, and will count as one Philosophy paper.’ (xi) Whenever a new paper is introduced, the Faculty of Philosophy will publish, during the first academic year in which the paper is examined, a list of essay titles which the first cohort of candidates taking the new paper may offer for their extended essay, in those schools where they are required to offer an extended essay in addition to taking the written paper.]”

### **Explanatory Notes**

As ‘Brief note about the nature of the change’ above.

1314-34-TUG

**Mathematical, Physical and Life Sciences Division**

**Approved at the meeting of N/A**

**Title of Programme**

Honour School of Computer Science and Philosophy

**Brief note about nature of change**

Correction to the web address given in the regulations.

**Effective date**

With immediate effect.

**Location of change**

In *Examination Regulations* 2013, restructured as outlined in a notice in the Gazette of 24/04/14

**Detail of change**

From the online version:

[http://www.admin.ox.ac.uk/examregs/11-30h2\\_S\\_R\\_H\\_S\\_OF\\_COMPUTER\\_SCIENCE\\_AND\\_PHILOSOPHY.shtml](http://www.admin.ox.ac.uk/examregs/11-30h2_S_R_H_S_OF_COMPUTER_SCIENCE_AND_PHILOSOPHY.shtml)

“[From 1 October 2014: In the following, ‘the Course Handbook’ refers to the Computer Science and Philosophy Undergraduate Course Handbook and supplements to this published by the joint supervisory committee and also posted on the website at <http://www.cs.ox.ac.uk/teaching/csp> “

**Explanatory Notes**

Correction to the web address given in the regulations.

**Mathematical, Physical and Life Sciences Division****Approved at the meeting of N/A****Title of Programme**

Preliminary Examination in Computer Science  
Preliminary Examination in Computer Science and Philosophy  
Preliminary Examination in Mathematics and Computer Science  
Honour School of Computer Science  
Honour School of Computer Science and Philosophy  
Honour School of Mathematics and Computer Science

**Brief note about nature of change:** Change to deadline for practical work.**Effective date****With immediate effect****Location of change**

In *Examination Regulations 2013*, the Honour School Regulations subsequently having been restructured as outlined in a notice in the Gazette of 24/04/14.

**Detail of change**

1) *Preliminary Examination in Computer Science*

p.100, ln 22-24;

**replace:**

Only that work completed and marked by noon on Monday of the fifth week of the Trinity Term in which the candidate takes the examination shall be included in these records.

**with**

Only that work completed and marked by noon on Monday of the sixth week of the Trinity Term in which the candidate takes the examination shall be included in these records.

2) *Preliminary Examination in Computer Science and Philosophy*

p. 101, ln 35-37;

**ditto**

3) *Preliminary Examination in Mathematics and Computer Science*

p. 125, ln 29-31;

**ditto**

4) *Honour School of Computer Science*

In version as published at [http://www.admin.ox.ac.uk/examregs/11-30h2\\_S\\_R\\_H\\_S\\_OF\\_COMPUTER\\_SCIENCE\\_AND\\_PHILOSOPHY.shtml](http://www.admin.ox.ac.uk/examregs/11-30h2_S_R_H_S_OF_COMPUTER_SCIENCE_AND_PHILOSOPHY.shtml)

**ditto**

5) *Honour School of Computer Science and Philosophy*

In version as published at [http://www.admin.ox.ac.uk/examregs/11-30h2\\_S\\_R\\_H\\_S\\_OF\\_COMPUTER\\_SCIENCE\\_AND\\_PHILOSOPHY.shtml](http://www.admin.ox.ac.uk/examregs/11-30h2_S_R_H_S_OF_COMPUTER_SCIENCE_AND_PHILOSOPHY.shtml)

**ditto**

6) *Honour School of Mathematics and Computer Science*

In version as published at [http://www.admin.ox.ac.uk/examregs/11-30ac\\_S\\_R\\_H\\_S\\_OF\\_MATHEMATICS\\_AND\\_COMPUTER\\_SCIENCE.shtml](http://www.admin.ox.ac.uk/examregs/11-30ac_S_R_H_S_OF_MATHEMATICS_AND_COMPUTER_SCIENCE.shtml)

**ditto**

**Explanatory Notes**

The Faculty of Computer Science has agreed with the proposal from the Teaching Committee that the deadline for practical work to be completed and handed in be moved from Monday of week 5 of Trinity Term in the Examination Year to Monday of week 6 of Trinity term in the examination year.

The reason for this move is allow more time for teaching in Trinity Term of courses with practicals. At present there are only 4 teaching weeks in Trinity Term. It is agreed that this will not adversely affect candidates and will give longer to complete the work need for practical courses run in Trinity term.

**Mathematical, Physical and Life Sciences Division****Approved at meeting of N/A****Master of Science by Coursework - Software Engineering Programme**

These changes amend the Regulations to make clear that those submitting a dissertation need participate in one project module only, make clearer that vivas are at the discretion of the examiners rather than mandatory, add information about the examination conventions under which re-admitted candidates will be examined, and update a web address.

With immediate effect.

In *Examination Regulations* 2013, as amended by the *Gazette* of 3 October 2013

**Version as at [http://www.admin.ox.ac.uk/examregs/17-40\\_SPECIAL\\_REGULATIONS.shtml#subtitle\\_121](http://www.admin.ox.ac.uk/examregs/17-40_SPECIAL_REGULATIONS.shtml#subtitle_121)**

“Software Engineering Programme (new regulations)

For students registering on the M.Sc. in Software Engineering or the M.Sc. in Software and Systems Security on or after 1 April 2010.

A. Definition of the Programme

1. The Mathematical, Physical and Life Sciences Divisional Board shall offer a Programme of Studies in Software Engineering at postgraduate level.
2. The subjects of the Programme shall be Software Engineering, Software and Systems Security, and Object Technology.
3. The following awards shall be available within the Programme:
  - i. M.Sc. in Software Engineering
  - ii. M.Sc. in Software and Systems Security
  - iii. Postgraduate Diploma in Software Engineering
  - iv. Postgraduate Diploma in Software and Systems Security
  - v. Postgraduate Certificate in Software Engineering
  - vi. Postgraduate Certificate in Software and Systems Security

vii. Postgraduate Certificate in Object Technology

4. The Mathematical, Physical and Life Sciences Divisional Board shall elect for the supervision of the Programme a Supervisory Committee which shall have the power to arrange lectures and other instruction.

B. Progression

5. Entry to the Programme is to the M.Sc. in Software Engineering or the M.Sc. in Software and Systems Security.

6. With the approval of the Programme Director, a candidate may transfer from the M.Sc. in Software Engineering to the M.Sc. in Software and Systems Security, or from the M.Sc. in Software and Systems Security to the M.Sc. in Software Engineering, subject to being eligible to study for the relevant award as set out in sections C and D below.

7. With the approval of the Programme Director, a candidate for the M.Sc. in Software Engineering or for the M.Sc. in Software and Systems Security may be awarded one of the Postgraduate Certificates or Postgraduate Diplomas set out in clause 3 above, subject to such a candidate having satisfied the criteria for the award of the relevant Postgraduate Certificate or Postgraduate Diploma as set out in sections C and D below. ~~Candidates awarded the Postgraduate Certificate or Postgraduate Diploma under this section cease at that point to be registered for the Software Engineering Programme, and may not normally re-enter the Programme.~~

C. Eligibility for awards: duration of study

8. To be eligible for the award of an M.Sc., a student must have been on the Register for the Programme for a period of not less than two years, and not more than four years.

9. To be eligible for the award of a Postgraduate Diploma, a student must have been on the Register for the Programme for a period of not less than one year, and not more than three years.

10. To be eligible for the award of a Postgraduate Certificate, a student must have been on the Register for the Programme for a period of not less than one year, and not more than two years.

11. The Programme Director shall have power

a. to grant suspension from the Register for a period or periods totalling not more than three terms during each of the maximum periods given in clauses 8, 9, and 10 above;

b. to approve an extension of time of not more than three terms to each of the maximum periods given in clauses 8, 9, and 10 above;

subject to the total periods of suspensions and extensions not exceeding six terms overall.

D. Eligibility for awards: study and examinations

12. Students on the Register shall enter for the examination for the award of the M.Sc., unless they have been given approval under clause 7 above to be awarded one of the Postgraduate Certificates or Postgraduate Diplomas.

13. Schedules A-C of modules will be published at <http://www.cs.ox.ac.uk/softeng/handbook/courses/schedules/subjects.html>. If insufficient students register for a module the Programme Director may make the decision not to offer that module.

14. Every candidate will be required to satisfy the examiners in the following:

a. M.Sc. in Software Engineering

(i) attendance at a minimum of ~~ten~~<sup>twelve</sup> modules chosen from those in the Schedule, ~~including both from Schedule D~~, comprising a programme of study approved by the Supervisory Committee;

(ii) submission of at least ten written assignments corresponding to those modules ~~attended that were chosen from Schedules A, B, or C~~;

(iii) participation in a project module;

~~(iv)~~<sup>(iii)</sup> submission of a dissertation of not more than 20,000 words (including appendices and footnotes but excluding bibliography) on a subject selected by the candidate in consultation with the supervisor and approved by the Supervisory Committee. In preparation for the dissertation, candidates will be required to submit a proposal following participation in the project module. Dissertations submitted which differ from the topic approved by the Supervisory Committee may not be marked by the examiners.

~~In preparation for the dissertation, candidates will be required to submit a proposal following attendance at the project module.~~

b. M.Sc. in Software and Systems Security

(i) attendance at a minimum of ~~ten~~<sup>twelve</sup> modules chosen from those in the Schedule, of which at least six should come from Schedule C, ~~and including both from Schedule D~~, together comprising a programme of study approved by the Supervisory Committee;

(ii) submission of at least ten written assignments corresponding to those modules ~~attended that were chosen from Schedules A, B, or C~~;

(iii) participation in a project module;

~~(iv)~~<sup>(iii)</sup> submission of a dissertation of not more than 20,000 words (including appendices and footnotes but excluding bibliography) on a subject selected by the candidate in consultation with the supervisor and approved by the Supervisory Committee. In preparation for the dissertation, candidates will be required to submit a proposal following participation in the project module. Dissertations submitted which differ from the topic approved by the Supervisory Committee may not be marked by the examiners.

~~(iv) the subject of the projects and dissertation shall relate to software and systems security, and must have been approved as such by the Supervisory Committee. Dissertations submitted which differ from the topic approved by the Supervisory Committee may not be marked by the examiners.~~

~~In preparation for the dissertation, candidates will be required to submit a proposal following attendance at the project module.~~

c. Postgraduate Diploma in Software Engineering

(i) attendance at a minimum of eight modules chosen from those in the Schedules A, B, or C, comprising a programme of study approved by the Supervisory Committee;

(ii) submission of at least eight written assignments corresponding to those modules attended.



d. Postgraduate Diploma in Software and Systems Security

(i) attendance at a minimum of eight modules chosen from those in the Schedules A, B, or C, of which at least five should come from Schedule C, comprising a programme of study approved by the Supervisory Committee;

(ii) submission of at least eight written assignments corresponding to those modules attended.

e. Postgraduate Certificate in Software Engineering

(i) attendance at a minimum of four modules, chosen from the Schedules A, B, or C, together comprising a programme of study approved by the Supervisory Committee;

(ii) submission of at least four written assignments, corresponding to those modules attended.

f. Postgraduate Certificate in Software and Systems Security

(i) attendance at a minimum of four modules chosen from the Schedule, at least three of which chosen from Schedule C, ~~with the remainder chosen from Schedules A, B, or C~~, together comprising a programme of study approved by the Supervisory Committee;

(ii) submission of at least four written assignments, corresponding to those modules attended.

g. Postgraduate Certificate in Object Technology

(i) attendance at a minimum of four modules chosen from the Schedule, at least three of which chosen from Schedule B, ~~with the remainder chosen from Schedules A, B, or C~~, together comprising a programme of study approved by the Supervisory Committee;

(ii) submission of at least four written assignments, corresponding to those modules attended.

The assignments and, for the M.Sc., two typewritten or printed copies of the dissertation, shall be forwarded to the examiners for consideration by such dates as the examiners shall determine and shall notify to candidates, supervisors and tutors. The assignments and the dissertation must be accompanied by a statement that it is the candidate's work except where otherwise indicated. Candidates are usually required to submit the assignments electronically. Details will be given in the programme handbook. Any candidate who is unable, for some reason, to submit practical work electronically must apply to the Programme Director for permission to submit the work in paper form. Such applications must reach the Programme Director two weeks before the deadline for submitting the work. The two copies of the dissertation shall be addressed to the Chair of Examiners, Software Engineering Programme, c/o Examination Schools, High Street, Oxford, OX1 4BG.

~~In preparation for the dissertation, candidates will be required to submit a project report or proposal following attendance at each of the two modules from Schedule D-15.~~ Provided the Supervisory Committee is satisfied that a candidate has undertaken equivalent study, of an appropriate standard, normally at another institution of higher education, the committee shall have the discretion to permit the candidate to be exempted from attending ~~at~~, and submitting the written assignment for, modules chosen from Schedule A, B, or C, as required under clause 13 above as follows:

a. For the M.Sc.: up to two of the total of ten modules for which written assignments are required;

b. For the award of the Postgraduate Diploma: up to two of the total of eight modules;

c. For the award of the Postgraduate Certificate: up to one of the total of four modules.

16. Candidates ~~may~~ will be required to attend a viva voce examination as part of the examination for each award at the discretion of the examiners. ~~unless dispensed by the examiners.~~

17. The examiners may award a distinction for excellence in the whole examination for each award.

18. Candidates who fail to satisfy the examiners in the assignments under clause 14 above may be permitted to resubmit work in respect of part or parts of the examination which they have failed for examination on not more than one occasion which shall normally be within one year of the initial failure. No written assignment shall be submitted to the examiners on more than one occasion.

#### E. Subsuming of previous awards under the Programme

19. In the exceptional circumstances that a candidate granted approval under clause 7 above to be awarded one of the Postgraduate Certificates or Postgraduate Diplomas (set out in clause 3 above) is readmitted to one of the M.Sc.s (set out in clause 3 above), then the following apply:

a. If any candidate who is successful in the examination for the Postgraduate Diploma has previously successfully completed the Postgraduate Certificate, and for that examination has incorporated the assignments submitted for the Postgraduate Certificate into the Postgraduate Diploma, then the Postgraduate Diploma will subsume his or her Certificate.

b. If any candidate who is successful in the examination for the M.Sc. has previously successfully completed the Postgraduate Diploma or the Postgraduate Certificate, and for that examination has incorporated the assignments submitted for the Postgraduate Certificate or Postgraduate Diploma into the M.Sc., then the subsequent award will subsume his or her previous award.

#### D. Examination Conventions and Readmission

20. In the case of a candidate who is readmitted they will be subject to the Examination Conventions in force at the date of their readmission. ”

### **Explanatory Notes**

These changes to the Regulations provide for the following.

- Those submitting a dissertation used to be required to attend two 'project modules', and these were called 'Schedule D'. These changes update the regulations to make it clear that it is only necessary for such students to participate in one project module, and redescribe the project module to make this clearer.
- The changes make clearer that the viva is at the discretion of the examiners, rather than mandatory.
- The changes add information about the examination conventions under which re-admitted candidates will be examined.
- The changes update a web address.

1415-02-HPT

**Mathematical, Physical and Life Science Divisional Board**

**Approved at the meeting of MSc Supervisory Committee, 23-10-14**

**Master of Science by Coursework in Computer Science**

Change to date of examination viva voce.

**With immediate effect**

**Location of change**

In *Examination Regulations* 2014

**Detail of change**

p. 633, l. 8

(iii) There shall be an examination viva voce, unless the candidate shall have been individually dispensed by the examiners, on the dissertation and on any of the topics for which he or she submitted a written assignment or written examination, to take place on the ~~Friday~~ **Thursday** of week minus 1 of Michaelmas Term of the following academic year.

**Explanatory Notes**

The date of the viva coincides with the date of the final Examiners' meeting. Bringing this date forward by one day to Thursday of week -1 will enable the Department to confirm, or withdraw, the place of students accepted onto the DPhil programme prior to their start date of Monday week 0.

1415-07-HUG

**Mathematical, Physical & Life Sciences Division/Faculty Board**

**Approved at the meeting of**

**Biological Sciences Steering Committee – Chairs Action (HT15)**

**Title of Programme/ Name of Regulation**

Honour School of Biological Sciences

**Brief note about nature of change:**

revision to texts

**Effective date**

**Immediate**

**Location of change**

In *Examination Regulations* 2014

**Detail of change**

On p. 141, l. 43 and p. 142, l. 45

PART II

7. Project dissertation

(i) Form and subject of the project

The project shall consist of original experiments, fieldwork or computer-based Research Project in any area of biology done by the candidate alone or in collaboration with others (where such collaboration is, for instance, needed to produce results in the time available). When choosing a Research Project, candidates must bear in mind the prohibition on duplicating material in different parts of the examination.

#### (ii)Registration

Candidates must register the provisional title of their project and the name of their supervisor to the Examinations Co-ordinator no later than noon on Friday of Week 8 of Hilary Term of their second year. Candidates must submit their completed safety registration form to the appropriate Departmental Safety Officer by the same deadline.

#### (iii)Residence

Candidates undertaking project work outside of Oxford will be permitted by ~~the Chair of~~ the **Director of Undergraduate Teaching for Biological Sciences Steering Committee**, subject to the written approval also of the Senior Tutor of the candidate's college, to spend a maximum of two weeks outside of Oxford during Trinity Term of their second year working at a supervised field site or another university / institution in the UK or overseas, in accordance with clause 2.8 of the First and Second Public Examination regulations pertaining to residence. Candidates will still be liable for their College battels, if applicable, during this time.

#### (iv)Examination

Candidates shall submit to the examiners a dissertation based on their project according to guidelines that will be published in the Guidelines on Projects and Course Assignments in the academic year preceding the examination. The project dissertation shall be of not more than 7,000 words, excluding any tables, figures, or references, and must be prefaced by an Abstract of not more than 250 words, to be included within the word limit.

#### (v)Submission and assessment of project-based written work

The project report (two copies) must be legibly typed or word-processed (double line spacing to be used throughout) on one side only of A4 paper, held firmly in a stiff cover, and submitted on or before 12 noon on the Monday of Week 2 of Hilary Full Term of the academic year in which Part II of the examination is taken. It must be addressed to the Examination Schools, High Street, Oxford, for the Chair of Examiners for the Final Honour School of Biological Sciences. Each project report shall be accompanied by a certificate signed by the candidate indicating that the project report is the candidate's own work. This certificate shall be submitted separately in a sealed envelope addressed to the Chair of Examiners. No report will be accepted if it has already been submitted, wholly or substantially, for another Honour School or degree of this University, or for a degree of any other institution.

In all cases, the examiners shall obtain and consider a written report from each supervisor indicating the extent of the input made by the candidate to the outcome of the project and also any unforeseen difficulties associated with the project (e.g. unexpected technical issues or problems in the availability of materials, equipment, or literature or other published data). Material in a candidate's dissertation must not duplicate material that has been included in the submitted Course Assignments.

### 8.Course Assignments

(i) Form and subject of the Course Assignments

Each candidate must complete two Course Assignments. One assignment shall be examined by means of a written essay, and one shall be examined by means of an Oral Presentation as set out below. The precise format of the Course Assignment may vary between Options and will be specified by the Biological Sciences Steering Committee.

The written essay shall be of not more than 3,000 words, excluding any tables, figures, or references, and must be prefaced by an Abstract of not more than 250 words, to be included within the word limit. All sources used in the essay must be fully documented. The written essay (two copies) must be legibly typed or word-processed on one side only of A4 paper, held firmly in a stiff cover. The Oral Presentation shall be a maximum of fifteen minutes in duration, followed by ten minutes of questions. The Oral Presentation should use appropriate audio-visual aids as specified in the Guidelines on Projects and Course Assignments.

Candidates shall also submit an Abstract of the Oral Presentation of not more than 500 words. The Abstract (two copies) must be legibly typed or word-processed on one side only of A4 paper.

Candidates may discuss the proposed topic for both the written essay and the Oral Presentation, the sources available, and the method of presentation with an adviser. The adviser for the written essay ~~must~~ **may** also read and comment on a first draft. Candidates shall not deal with substantially the same material in their Course Assignments as is covered in their project report.

**Explanatory Notes**

1415-08-HUG

**Mathematical, Physical & Life Sciences Division/Faculty Board**

**Approved at the meeting of**

**Chemistry Academic Board (HT 2015)**

**Title of Programme/ Name of Regulation**

Honour School of Chemistry

**Brief note about nature of change:**

The reason for the first two changes is that current regs only permit students who have failed the practical course to repeat practicals they have failed. This is unnecessarily limiting, and also obliges the department to make those practicals available, even though they may be discontinued or out of order.

The additional paragraph is that one possible scenario is not covered by the current regs, viz. when a student has failed to complete the practical requirement and has also failed the exams.

**Effective date**

**Immediate**

**Location of change**

In *Examination Regulations* 2014

P 148 line 38: replace [www.chem.ox.ac.uk/teaching/UndergradHandbook.pdf](http://www.chem.ox.ac.uk/teaching/UndergradHandbook.pdf) with "[www.chem.ox.ac.uk/teaching/oxfordonly/UndergradHandbook.pdf](http://www.chem.ox.ac.uk/teaching/oxfordonly/UndergradHandbook.pdf)"

On p. 150, I. 24-35

A candidate who in Part I (i.e. Part IA and Part IB together) obtains only a pass, or fails to satisfy the examiners, may enter again for Part IB of the examination on one, but no more than one, subsequent occasion subject to the following limitations. Part IB consists of two parts, a set of written examinations and the practical course. A candidate may fail to be

awarded honours at Part I for any of the following reasons. The precise circumstances will determine which parts of Part IB may be re-taken/re-entered for.

(i) The overall mark at Part I is insufficient for honours, but the honours practical requirement set out in ~~el.11- cl. A.9 below~~ above is complete and the practical mark is sufficient for honours. In this case the candidate will only be permitted to re-enter the Part IB written examinations, and the Practical mark will be carried forward.

(ii) The overall mark at Part I is insufficient for honours, and although the marks for the Part I written examination are sufficient for honours and sufficient practicals have been completed to fulfil the requirement set out in ~~el.11- cl. A.9 below~~ above, the marks for the practical course are not sufficient for honours. In this case the candidate will only be permitted to re-enter to ~~repeat failed practicals~~ complete the practical course to honours standard. The marks for the written examination will be carried forward.

(iii) The overall mark at Part I is insufficient for honours, and although sufficient practicals have been completed to fulfil the requirement set out in ~~el.11- cl. A.9 above~~ below, the marks for both the written examination and the practical course are insufficient for honours. In this case, the candidate shall be permitted both to re-enter the Part IB written examinations and to ~~repeat failed practicals~~ complete the practical course to honours standard.

(iv) The practical requirement set out in ~~el.11- cl. A.9 below~~ above is incomplete, but the marks in the Part I written examination are sufficient for honours. In this case the candidate will only be permitted to re-enter to complete the practical requirement to honours standard. The written examination marks will be carried forward.

(v) The practical requirement set out in cl. A.9 above is incomplete and the overall mark -obtained in Part I is insufficient for honours. In this case the candidate shall be permitted both to re-enter the Part IB examination and to complete the practical requirement to honours standard.

**Explanatory Notes**



**Mathematical Institute****Approved at the meeting of:****4<sup>th</sup> March 2015 (Mathematics Teaching Committee)****17<sup>th</sup> February 2015 (Joint Committee for Mathematics and Philosophy)****Honour School of Mathematics and Philosophy****Brief note about nature of change:**

Minor corrections to the schedule of papers.

**Effective date**

With immediate effect.

**Location of change**In *Examination Regulations* 2014.**Detail of change**

1.

Page 298, lines 4–7

In the following 'the Mathematics Course Handbook' refers to the Mathematics Undergraduate Handbook and supplements to this published by the Teaching Committee of the Department of Mathematics and also posted on the website at:

<http://www.maths.ox.ac.uk/current-students/undergraduates/handbooks-synopses>

<http://www.maths.ox.ac.uk/members/students/undergraduate-courses/teaching-and-learning/handbooks-synopses>

2.

Page 299, lines 21–40

In Part A, each candidate shall be required to offer, from the Mathematics Part A Schedule (see below), papers ~~A1(CP)~~A0, A2, and either two papers from papers A3,A4, A5, A8 or

one paper from papers A3,A4,A5,A8 and paper ASO.

A candidate may, with the support of his or her Mathematics tutor, apply to the Chair of the Joint Committee for Mathematics and Philosophy for approval of one or more other options from the list of Mathematics Department units for Part A which can be found in the Supplement to the Mathematics Course Handbook for courses in Mathematics Part A. Applications for special approval must be made through the candidate's college and sent to the Chair of the Joint Committee for Mathematics and Philosophy, c/o Academic Administrator, Mathematical Institute, to arrive by Friday of Week 2 of Hilary Term in the academic year of the examination for Part A.

#### Schedule of Papers in Part A

~~A1 (CP) Algebra 1~~ A0 Linear Algebra

A2 Metric Spaces and Complex Analysis

~~A3 Algebra 2~~ Rings and Modules

A4 Integration

A5 Topology

A8 Probability

ASO Short Options

3.

Page 300, lines 8–19

In Philosophy the subjects shall be subjects 101–118, 120, 122, 124, 125, 127 and 199 from the list given in Special Regulations for All Honour Schools Including Philosophy. Each subject in Philosophy other than a Thesis shall be examined in one 3-hour paper. Each candidate shall offer:

(i) Four units of Mathematics from Schedule 1, two of which shall be B1.1 **a** Logic and B1.2 **b** Set Theory.

(ii) Three subjects in Philosophy from 101–118, 120, 122, 124, 125 and 127, of which two must be 122 and either 101 or 102, and

(iii) Either two further units in Mathematics drawn from Schedule 1 and 2 combined or one further subject in Philosophy from subjects 101–118, 120, 124, 125, 127 and 199: Thesis.

4.

Page 301, lines 18–22

The topic for a Philosophy examination essay in a given subject can be any question set for the most recent examination of that subject in Honour Schools with Philosophy, with the exception of questions for Plato Republic (115) and Aristotle Nicomachean Ethics (116) consisting of multiple passages for comment, and the questions for Philosophical Logic (127) consisting of formal exercises.

#### **Explanatory Notes**

**Mathematical, Physical & Life Sciences Division**

**Approved by the Statistics Academic Committee 27 February 2015 and MPLS Academic Committee March 2015.**

**Title of Programme**

Honour School of Mathematics and Statistics

**Brief note about nature of change:** Clarification of progression rules. Minor revisions to the schedule of papers and to the rules governing the number of papers candidates may take from each category.

**Effective date**

With effect from Michaelmas Term 2015, for first Part A examination in 2015.

**Location of change**

In *Examination Regulations 2014*

**Detail of changes**

**1. p 306, lines 24-32, insert text**

6. (a) Part A shall be taken on one occasion only. No candidate shall enter for Part B until he or she has completed Part A of the examination.

(b) In order to proceed to Part C, a candidate must achieve upper second class Honours or higher in Parts A and B together.

(c) A candidate who obtains only a pass or fails to satisfy the Examiners in Parts A and B together may retake Part B on at most one subsequent occasion; a candidate who fails to satisfy the Examiners in Part C may retake Part C on at most one subsequent occasion. Part B shall be taken on one occasion only by candidates continuing to Part C.

**2. p 306, after line 32, insert**

7. A candidate on the three-year course adjudged worthy of Honours on both Parts A and B together may supplicate for the degree of BA in Mathematics and Statistics provided that the candidate has fulfilled all conditions for admission to a degree of the University.

**3. p 306, lines 33-36, renumber**

~~7.~~ 8. A candidate on the four-year course adjudged worthy of Honours on both Parts A and B together, and on Part C may supplicate for the degree of Master of Mathematics in Mathematics and Statistics provided that the candidate has fulfilled all the conditions for admission to a degree of the University.

**4. p 306, lines 37-44, renumber**

~~8.~~ 9. A candidate in the final year of the four-year course, adjudged worthy of Honours in both Parts A and B together, but who does not enter Part C, or who fails to obtain Honours in Part C, is permitted to supplicate for the Honours degree of Bachelor of Arts in Mathematics and Statistics with the classification obtained in Parts A and B together; provided that no such candidate may later enter or re-enter the Part C year or supplicate for the degree of Master of Mathematics in Mathematics and Statistics; and provided in each case that the candidate has fulfilled all the conditions for admission to a degree of the University.

**5. p 307, lines 1-19 replace text**

**Part A**

In Part A each candidate shall be required to offer Papers A0, A1, A2, A8, A9, ASO and three or four papers from A3-A7 and A10-A12 from the schedule of papers for Part A.

**Schedule of Papers in Part A**

A0 Differential Equations 1

A1 ~~Algebra 1 and Differential Equations 1~~ Linear Algebra

A2 Metric Spaces and Complex Analysis

A3 ~~Algebra 2~~ Rings and Modules

A4 Integration

A5 Topology

A6 Differential Equations 2

A7 Numerical Analysis

A8 Probability

A9 Statistics

A10 ~~Waves and Fluids~~ Fluids and Waves

A11 Quantum Theory

A12 Simulation and Statistical Programming

ASO Short Options

Syllabus details will be published in the Course Handbook by the beginning of the Michaelmas Full Term in the academic year of the examination for Part A.

**Explanatory Notes**

Changes to the regulations for Part A are intended to allow candidates to take an extra-long option paper if they wished.

**Mathematical Institute****Approved at the meeting of Teaching Committee on 4<sup>th</sup> March 2015****Honour School of Mathematics****Brief note about nature of change:**

Clarification of existing progression rules, minor revisions to the schedule of papers and to the rules governing the number of papers candidates may take from each category.

**Effective date**

Changes 1, 2, 3, 5: with immediate effect.

Change 4: for students starting FHS Parts A & B from MT 2015 (Part A MT 2015), for first examination from 2015–16

Change 6: for students starting FHS Part C from MT2015 (Part C MT 2015), for first examination from 2015–16.

**Location of change**

In *Examination Regulations* 2014.

**Detail of change**

1.

Page 291, lines 4–7

In the following 'the Course Handbook' refers to the Mathematics Undergraduate Handbook and supplements to this published by the Mathematics Teaching Committee and also posted on the website at: <http://www.maths.ox.ac.uk/current-students/undergraduates/handbooks-synopses>  
<http://www.maths.ox.ac.uk/members/students/undergraduate-courses/teaching-and-learning/handbooks-synopses>.

2.

Page 291, lines 28–32

c) A candidate who obtains only a pass or fails to satisfy the Examiners in ~~Part B~~ Parts A and B together may retake Part B on at most one subsequent occasion; a candidate who fails to satisfy the Examiners in Part C may retake Part C on at most one subsequent occasion. Part B shall be taken on one occasion only by candidates continuing to Part C.

3.

Page 291, line 33 to page 292, line 34

7. ~~7.~~ A candidate on the three-year course adjudged worthy of Honours on both Parts A and B together may supplicate for the degree of BA in Mathematics provided that the candidate has fulfilled all conditions for admission to a degree of the University.

~~7.~~ 8. A candidate on the four-year course adjudged worthy of Honours on both Parts A and B together, and on Part C may supplicate for the degree of Master of Mathematics provided that the candidate has fulfilled all the conditions for admission to a degree of the University.

~~8.~~ 9. A candidate in the final year of the four-year course, adjudged worthy of Honours in both Parts A and B together, but who does not enter Part C, or who fails to obtain Honours in Part C, is permitted to supplicate for the Honours degree of Bachelor of Arts in Mathematics with the classification obtained in Parts A and B together; provided that no such candidate may later enter or re-enter the Part C year or supplicate for the degree of Master of Mathematics; and provided in each case that the candidate has fulfilled all the conditions for admission to a degree of the University.

~~9.~~ 10. The use of calculators is generally not permitted for written papers. However, their use may be permitted for certain exceptional examinations. The specification of calculators permitted for these exceptional examinations will be announced by the Examiners in the Hilary Term preceding the examination.

### **Transfer to the Honour School of Mathematical and Theoretical Physics**

~~10.~~ 11. Subject to the regulations for the Honour School in Mathematical and Theoretical Physics, candidates on the four-year course in Mathematics may apply to the Supervisory Committee for Mathematics and Physics to transfer, after their Part B examination, to the Honour School of Mathematical and Theoretical Physics for their Part C examination. Such a candidate will need to achieve at least an upper second class or higher at the end of Part B, and be accepted by the Supervisory Committee for Mathematics and Physics under the procedures referred to in the regulations for the Master of Mathematical and Theoretical Physics and set out in the course handbook for that degree. Acceptance is not automatic. As specified in the regulations for that degree, Part C in Mathematical and Theoretical Physics must be taken in the academic year following the candidate's Part B examination, and on successful completion of Part C of the Honour School of Mathematical and Theoretical Physics candidates will be awarded the Master of Mathematics and Physics in Mathematical and Theoretical Physics.

~~11.~~ 12. The Handbook for Mathematical and Theoretical Physics shall set out the

options that candidates should follow to maximize their chances of being accepted for transfer to Mathematical and Theoretical Physics for their Part C examination. This Handbook shall be available by the start of Michaelmas Term in the year in which a candidate starts Part A in Mathematics.

~~12.~~ 13. A candidate who has transferred from the Honour School of Mathematics to the Honour School of Mathematical and Theoretical Physics for their Part C examination in accordance with cl.9 above is permitted transfer to the Honour School of Mathematics for their Part C examination up to the end of Week 4 of the Michaelmas Term in which he or she first registered for Part C in the Honour School of Mathematical and Theoretical Physics, so long as that candidate has not opted to supplicate for the degree of Bachelor of Arts in Mathematics under the regulations for the Honour School of Mathematical and Theoretical Physics.

~~13.~~ 14. The regulations for the Honour School of Mathematical and Theoretical Physics set out how the results obtained in Parts A and B in the Honour School of Mathematics are published for candidates who transfer to the Honour School of Mathematical and Theoretical Physics for their Part C examination.

4.

Page 292, lines 36-50

In Part A each candidate shall be required to offer A1, A2, ASO and five or six papers from A3-A11 from the schedule of papers for Part A.

#### **Schedule of Papers in Part A**

A0 Linear Algebra

A1 ~~Algebra 1 and~~ Differential Equations 1

A2 Metric Spaces and Complex Analysis

A3 ~~Algebra 2~~ Rings and Modules

A4 Integration

A5 Topology

A6 Differential Equations 2

A7 Numerical Analysis

A8 Probability

A9 Statistics

A10 ~~Waves~~ Fluids and ~~Fluids~~ Waves

A11 Quantum Theory

ASO Short Options

5.

Page 293, lines 4–9

In Part B each candidate shall offer a total of eight units from the schedule of units for Part B (see below).

(a) A total of at least ~~six~~ four units offered should be from the schedule of Mathematics Department units.

(b) A candidate may offer up to four units from:

(i) the schedule of Statistics options

(ii) the schedule of Computer Science options

(iii) the schedule of Other options

but may offer no more than two units from each of the above schedules.

~~(b)~~ (c) Candidates may offer a double unit which is an Extended Essay or a Structured Project.

6.

Page 293, lines 31–39

In Part C each candidate shall offer a total of eight units from the schedule of units for Part C (see below).

(a) All eight units offered should be from those designated as M level.

(b) A total of at least ~~six~~ four of the units offered should be from the schedule of Mathematics Department units.

(c) A candidate may offer up to four units from:

(i) the schedule of Statistics options

(ii) the schedule of Computer Science options

(iii) the schedule of Other options

but may offer no more than two units from each of the above schedules.

~~(c)~~ (d) Candidates may offer ~~either one unit or one~~ a double unit which is a Dissertation. If the Dissertation is a mathematical topic this would be offered under the schedule of Mathematics Department units. If the Dissertation is on a mathematics-related topic, this would be offered under the schedule of 'other ~~units~~ options'.

**Explanatory Notes**



**Humanities Division**

**Mathematical, Physical, and Life Sciences Division**

**Approved at the meeting of the 15 JANUARY 2015 of the PHYSICS AND PHILOSOPHY JOINT COMMITTEE**

**Approved at the meeting of 21 JANUARY 2015 of the PHYSICS ACADEMIC COMMITTEE**

**Title of Programme**

**Honour School of Physics and Philosophy**

**Brief note about nature of change:**

Formalising the treatment of students transferring from physics to the joint physics and philosophy course.

**Effective date**

**With immediate effect**

For *Examination Regulations 2015*

**Location of change**

In *Examination Regulations 2015*

**Detail of change**

p. 400, insert I.19

**Physics**

Candidates are required to

- (i) offer three written papers on Fundamental Principles of Physics, and
- (ii) submit to the Examiners such evidence as they require of the successful completion of practical work normally pursued during the three terms preceding the examination.

The titles of the written papers are given below. Their syllabuses shall be approved by the Faculty of Physics and shall be published in the Physics Course Handbook not later than the beginning of Michaelmas Full Term for the examination three terms thence.

Fundamental Principles of Physics:

A1: Thermal Physics

A2P: Electromagnetism

A3: Quantum Physics

Candidates who have successfully completed the First Public Examination in Physics are exempted from Paper A2P: Electromagnetism. Candidates who have successfully completed the practical requirements for the First Public Examination in Physics are deemed to have satisfied the practical requirements given under (ii) above.

**Explanatory Notes**

The amendment reflects the arrangement in place for dealing with those students transferring from physics to the joint physics and philosophy course.

**Mathematical, Physical, and Life Sciences Division**

**Approved at the meeting of 21 JANUARY 2015 of the PHYSICS ACADEMIC COMMITTEE**

(decision agreed at Physics Faculty Trinity Term 2014 meeting)

**Title of Programme**

**Honour School of Physics**

**Brief note about nature of change:**

1. Revision of the regulations for Part B of the third year course.
2. A small amendment for Part B of the four year course.

**Effective date**

**With immediate effect**

For *Examination Regulations 2015*

**Location of change**

In *Examination Regulations 2015*

**Detail of change**

On p. 395, l. 3-15 to 34, amend the text as shown below:

“1. In Part B

(a) the candidate shall be required

- (i) to offer four ~~of the~~ written papers on Physics B1 to B6 in the Schedule for Part B below and
- (ii) to submit to the Examiners such evidence as they require of the successful completion of practical work normally pursued during ~~one and a half~~ three terms in the academic year of the examination, and
- (iii) to offer a written paper on one Short Option.

~~(b) to offer a project report in the form of either an extended essay on a subject approved by the Head of the Teaching Faculty of Physics or deputy (by the end of sixth week of Hilary Full Term), or an account of extended practical work undertaken in the academic year in which the examination takes place. A candidate may also offer a written paper on a second Short Option, in which case the candidate need only submit evidence of the successful completion of practical work normally pursued during one and a half terms of the three terms specified in cl. 1(a)(ii).~~

(c) to offer a project report on practical work or other work undertaken in the academic year in which the examination takes place on a subject approved by the Head of the Teaching Faculty of Physics or deputy.

(ed) candidates may be examined by viva voce.

2. ~~With respect to cl. 1(a)(ii) a candidate may offer instead a written paper on a second Short Option. The titles of the written papers of cl. 1(a)(i) are given in the Schedule below. Their syllabuses shall be approved by the Faculty of Physics and shall be published in the Course Handbook not later than the beginning of Michaelmas Full Term for the examination three terms thence. The four papers offered shall include B3, B4 and B6.~~

3. The list of Short Option subjects in cl. 1(a)(iii), cl. 2 and their syllabuses shall be approved by the Faculty of Physics and shall be published in the Course Handbook not later than the beginning of Michaelmas Full Term for the examination three terms thence. One of the short options included in the list shall be S07, Classical Mechanics.

4. In cl. 1(a)(ii), practical work may be replaced by project work, if an appropriate supervisor is available. The subject, duration, and replacement value shall be approved by the Head of the Teaching Faculty of Physics or deputy, by the end of Michaelmas Full Term.

5. With respect to cl. 1(a)(iii) a candidate may take, as alternative to the written examination, an assessed course of instruction in a foreign language. A candidate proposing to take this alternative must have the proposal approved by the Head of the Teaching Faculty of Physics or deputy and by the Director of the Language Centre or deputy, by the end of the first week of Hilary Full Term. Approval shall not be given to candidates who have, at the start of the course, already acquired demonstrable skills exceeding the target learning outcomes in the chosen language.

6. With respect to subjects under cl. 1(a)(iii) a candidate may propose to the Head of the Teaching Faculty of Physics or deputy, not later than the fourth week of Michaelmas Full Term preceding the examination, another subject paper. Candidates shall be advised of the decision by the end of eighth week of that term.”

On p. 396, l. 50

replace text

“3. The list of Short Option subjects in ~~cl. 1(a)(iii), 1(b)~~ cl. 1(a)(iii), 1(b) and their syllabuses shall be approved by the Faculty of Physics and shall be published in the Course Handbook not later than the beginning of Michaelmas Full Term for the examination three terms thence. ~~One of the short options included in the list shall be S07, Classical Mechanics.~~”

### Explanatory Notes

The changes to the regulations reflect:

- (a) identical practical work requirements for the third year of the three and four year degree courses.
- (b) specific reference to four papers required for the three year degree course.
- (c) removal of specific reference to S07: Classical Mechanics.

1415-05-HUG

**Mathematical, Physical & Life Sciences Division/Faculty Board**

**Approved at the meeting of**

**Biological Sciences Steering Committee – 21<sup>st</sup> October 2014 (MT 2014)**

**Title of Programme/ Name of Regulation**

Preliminary Examination in Biological Sciences

**Brief note about nature of change:**

minor amendment to assessment

**Effective date**

**For students starting the Preliminary Examination from MT 2015**

**For first examination from 2015-16**

**Location of change**

In *Examination Regulations* 2014

**Detail of change**

On p. 71, I.38 amend the assessment below:

A

The subjects of the Preliminary Examination in Biological Sciences, the examination, the syllabus, and the number of papers shall be as prescribed by regulation from time to time by the Mathematical, Physical and Life Sciences Board.

B

1. The Biological Sciences Steering Committee shall publish the First Year Biology Handbook not later than the beginning of Michaelmas Full Term before the examination in the following Trinity Term. Further details of the papers, data handling course, and practical

requirements shall be set out in that Handbook.

2. Candidates will be required to offer three papers, each lasting three hours, as follows:

Paper 1: Organisms

Paper 2: Cells and Genes

Paper 3: Ecology and Evolution

3. All candidates will be required to undertake a course of practical work, including laboratory exercises and the first year field course. Practical Class co-ordinators and the convenor for the field course shall make available to the chairman of the examiners records showing the extent to which each candidate has pursued an adequate course of practical work. The Moderators may request coursework from any candidate; such candidates will be named in a list posted one week before the day of the first written paper. Each notebook submitted shall be accompanied by a certificate signed by the candidate indicating that the notebook is the candidate's own work. Failure to complete the coursework to the satisfaction of the Moderators, in the absence of appropriate documentary evidence, will normally constitute failure of the Preliminary Examination. Coursework cannot normally be retaken. Exceptionally a candidate who has failed the coursework may be permitted jointly by the Moderators and the candidate's college to retake the entire academic year.

4. Candidates shall be deemed to have passed the examination if they have satisfied the Moderators in all three papers detailed in clause 2, and in the practical work requirements as outlined in clause 3, either at a single examination, or at two examinations, as set out in clause 5.

5. A candidate who fails in any one of the papers listed in clause 2 must re-sit that paper at one, and only one, subsequent examination. A candidate who fails two or more papers listed in clause 2 must re-sit all three papers at one, and only one, subsequent examination.

6. The Moderators will not provide calculators, but will permit the use of any handheld calculator subject to the conditions set out under the heading 'Use of calculators in examinations' in the Special Regulations concerning Examinations.

#### **Explanatory Notes**

**Mathematical, Physical & Life Sciences Division**

**Approved by the MSc in Applied Statistics Supervisory Committee, March 2015**

**Title of Programme**

Postgraduate Diploma in Applied Statistics

**Brief note about nature of change:** Clarification that this is a Postgraduate Diploma. Removal of obsolete clauses. Addition of clauses on award of distinction and single resit.

**Effective date**

With immediate effect

**Location of change**

In *Examination Regulations 2014*

**Detail of changes**

**1. Page 903, Title, insert**

Postgraduate Diploma in Applied Statistics

**2. page 903, lines 6-8 , insert**

1. The Divisional Board of Mathematical, Physical and Life Sciences shall have power to grant Postgraduate Diplomas in Applied Statistics to candidates who have satisfied the conditions prescribed in this section.

**3. page 903, lines 9-10, insert**

2. The examination for the Postgraduate Diploma in Applied Statistics shall be under the supervision of the Divisional Board of Mathematical, Physical and Life Sciences.

**4. page 903, lines 11-13, delete**

~~3. The Divisional Board of Mathematical, Physical and Life Sciences shall have power to arrange lectures and courses of instruction for the Diploma in Applied Statistics.~~

**5. page 903, line 14-16, renumber**

~~4.~~ 3. Subject to the provisions of this section, any member of the University may be admitted to the course and to the examination who has obtained the leave of the Divisional Board of Mathematical, Physical and Life Sciences, provided that

**6. page 903, lines 24-28, renumber**

~~5.~~ 4. Applications for leave under the preceding clauses shall be sent to the Registrar through the head or tutor of the society to which the applicant belongs or desires to belong. The board shall have power to determine the character and length of a course of study to be followed by the applicant before he may be admitted to the examination.

**7. page 903, lines 29-36, Renumber and replace text**

~~6.~~ 5. On admitting an applicant as a candidate for the postgraduate diploma, the board shall appoint a supervisor who shall direct and superintend the work of the candidate.

The supervisor shall submit ~~send~~ a report on the progress of the candidate to the board at the end of each term (except the term in which the student enters for the examination) and at any other time when the board so requests or ~~he~~ the supervisor believes it expedient. In particular ~~he~~ the supervisor shall inform the board at once if he or she is of the opinion that a student is unlikely to reach the standard required for the postgraduate diploma. ~~The Registrar shall send a copy of each report by the supervisor to the student's society.~~

**8. page 903, lines 37-41 and page 904, lines 1-6, Renumber and insert**

~~7.~~ 6. After admission as a Postgraduate Diploma Student, a candidate must have kept statutory residence and pursued a course of study at Oxford for at least three terms before taking the examination, provided that a candidate for the Degree of Master of Science (Applied Statistics) may, with the approval of the Divisional Board of Mathematical, Physical and Life Sciences, transfer to the status of a Student for the Postgraduate Diploma in Applied Statistics not later than the last day of Hilary Term in the year in which the written examination is to be taken, in which case the date of his or her admission as a Student for the Degree of Master of Science shall be reckoned as the date of his or her admission as a postgraduate diploma student; time spent outside Oxford during term as part of an academic programme approved by Council shall count towards residence for the purpose of this clause.

**9. page 904, lines 7-9, renumber and insert**

~~8.~~ 7. A Student reading for the postgraduate diploma who is not a graduate of the University may wear the same gown as that worn by Students for the Degree of Doctor of Philosophy.

**10. page 904, line 10, renumber, delete and insert**

~~9.~~ 8. The examiners may award a distinction ~~to a candidate for the diploma~~ for excellence in the whole examination. Candidates who have initially failed any element of assessment shall not normally be eligible for the award of distinction.



**11. page 904, after line 10, insert**

9. A candidate who failed to satisfy the examiners in any one of the examinations, may enter again for that examination on one, but not more than one, subsequent occasion.

**12. page 904, line 15-17, delete**

~~2. Candidates shall follow for at least three terms a course of instruction in Statistics, and will, when entering their name for the examination, be required to produce from their society a certificate that they are doing so.~~

**Explanatory Notes**

Addition of word Postgraduate to Diploma to clarify the nature of the course. Addition of clauses on award of distinction and on single resit, in line with the general regulations for the degree of Master of Science by Coursework.

**Mathematical, Physical & Life Sciences Division**

**Approved by the MSc in Applied Statistics Supervisory Committee, March 2015**

**Title of Programme**

MSc in Applied Statistics

**Brief note about nature of change:** Removal of obsolete clauses. Addition of requirement to submit both paper and electronic versions of dissertations.

**Effective date**

**Changes 1,2,4,5,6,7,8 and 9**

With immediate effect

**Change 3.**

For all students on the course from MT 2015, for first examination from 2015-16.

**Location of change**

In *Examination Regulations* 2014

**Detail of changes**

**1. Page 623, lines 21-22. Delete**

2. Candidates shall follow for at least three terms a course of instruction in Statistics, ~~and will, when entering their name for the examination, be required to produce from their society a certificate that they are doing so.~~

**2. page 623, lines 28-31. Delete**

4. ~~Candidates must submit to the chair of the committee by the end of Hilary Term in the year in which they enter the examination, the title and a brief statement of the form and scope of their dissertation, together with the name of a person who has agreed to act as their supervisor during the preparation of the dissertation.~~

**3. page 623, lines 32-37. Renumber and insert**

~~5.~~ 4. Two typewritten or printed copies of the dissertation must be sent not later than noon on the

second Monday in September in the year in which the written examination is taken, to the M.Sc. examiners (Applied Statistics), c/o Examination Schools, High Street, Oxford. When submitting their MSc dissertation, candidates must submit both paper and electronic versions which must be identical. The latter may be used by the examiners to check for plagiarism. See the Course Handbook for further details. The examiners may retain one copy of the dissertation of each candidate who passes the examination for deposit in an appropriate departmental library.

**4. page 623, lines 38-39. Renumber**

~~6.~~ 5. Each candidate will be expected to have displayed evidence of the ability to apply statistical methods to real data.

**5. page 624, lines 1-3. Renumber and replace text**

~~7.~~ 6. In the written examination the examiners will permit the use of any hand-held pocket calculators subject to the conditions set out in Part 10 of ~~under the heading 'Use of calculators in examinations'~~ in the *Special Regulations concerning for the conduct of Examinations.*

**6. page 624, lines 4-5. Renumber**

~~8.~~ 7. In the written examination the examiners will permit the use of bilingual dictionaries.

**7. page 624, line 6. Renumber**

~~9.~~ 8. The examiners may also examine any candidate viva voce.

**8. page 624, line 7. Renumber**

~~10.~~ 9. The examiners may award a distinction for excellence in the whole examination.

**9. page 624 lines 8-15. Renumber**

~~11.~~ 10. If it is the opinion of the examiners that the work done by the candidate is not of sufficient merit to qualify for the Degree of M.Sc., but is nevertheless of sufficient merit to qualify for the Diploma in Applied Statistics, the candidate shall be given the option of retaking the M.Sc. examination on one further occasion, not later than one year after the initial attempt, or of being issued with a diploma. In the event of a candidate's work not being of sufficient merit to qualify for the award of the M.Sc., the examiners will specify which of the components of the course may or must be redone.

**Explanatory Notes**

The requirement for an electronic version of the dissertation to be submitted will allow the examiners to use plagiarism checking software.

**MPLS Division**  
**Mathematical Institute**  
**Department of Physics**

**Approved by Mathematics Teaching Committee by email circulation: 17/3/2015**

**Approved by Jonathan Jones, Head of Teaching, on behalf of the Department of Physics**

**MSc Mathematical and Theoretical Physics**

**Brief note about nature of change:** revision to allow for online submission, in addition to hard copy submission, for certain course-work units.

**Effective date**

**For students starting from MT2015. For first examination from 2015–16.**

**Location of change**

In *Examination Regulations* 2014

**1.**

Page 674, lines 35–39

In the following 'the Course Handbook' refers to the Mathematical and Theoretical Physics Handbook and supplements to this published by the Joint Supervisory Committee for Mathematical and Theoretical Physics and also posted on the website at

<https://www.maths.ox.ac.uk/current-students/undergraduates/handbooks-synopses>  
<http://mmathphys.physics.ox.ac.uk/students>.

**2.**

Page 675, lines 4–6

(iv) The other units will be assessed by marked course work, take-home papers or mini-projects. The Course Handbook will specify which units will be assessed by each method mentioned above and sets out the rules governing submission of coursework. In addition, for certain courses, an electronic copy may be required. Details of the courses to which this applies, and instructions for the online submission process will be included in the Notice to Candidates that applies to the candidates of the MSc of Mathematical and Theoretical Physics.

**Explanatory Notes**

The provision is already written into the mathematics regulations (page 294, clause 4). As the Mathematics and Physics students will be taking some of the same options as the Mathematics students we would like the submissions process to be the same for all.

**MPLS Division**

**Mathematical Institute**

**Department of Physics**

**Approved by Mathematics Teaching Committee by email circulation: 17/3/2015**

**Approved by Jonathan Jones, Head of Teaching, on behalf of the Department of Physics**

**Honour School of Mathematical and Theoretical Physics**

**Brief note about nature of change:** revision to allow for online submission, in addition to hard copy submission, for certain course-work units.

**Effective date**

**For students starting from MT2015. For first examination from 2015–16.**

**Location of change**

In *Examination Regulations* 2014

**1.**

Page 303, lines 5–8

In the following 'the Course Handbook' refers to the Mathematical and Theoretical Physics Handbook and supplements to this published by the Joint Supervisory Committee for Mathematical and Theoretical Physics and also posted on the website at

<https://www.maths.ox.ac.uk/current-students/undergraduates/handbooks-synopses>  
<http://mmathphys.physics.ox.ac.uk/students>.

**2.**

Page 304, lines 45–47

(iii) The other units will be assessed by marked course work, take-home papers or mini-projects. The Course Handbook will specify which units will be assessed by each method mentioned above and sets out the rules governing submission of coursework. In addition, for certain courses, an electronic copy may be required. Details of the courses to which this applies, and instructions for the online submission process will be included in the Notice to Candidates that applies to the candidates of the Honour School of Mathematical and Theoretical Physics.

**Explanatory Notes**

The provision is already written into the mathematics regulations (page 294, clause 4). As the Mathematics and Physics students will be taking some of the same options as the Mathematics students we would like the submissions process to be the same for all.

1415-20-HPT

**MPLS Division**  
**Mathematical Institute**  
**Department of Physics**

**Approved by MPLS Division**

**MSc Mathematical and Theoretical Physics**

**Brief note about nature of change:** Removal of reference to departmental website address.

**Effective date**

With immediate effect.

**Location of change**

In *Examination Regulations* 2014 as amended by Gazette of 26 March 2015

Page 674, lines 35–39

In the following ‘the Course Handbook’ refers to the Mathematical and Theoretical Physics Handbook and supplements to this published by the Joint Supervisory Committee for Mathematical and Theoretical Physics. ~~and also posted on the website at <https://www.maths.ox.ac.uk/current-students/undergraduates/handbooks-synopses>~~

**Explanatory Notes:**



1415-21-HUG

**Mathematical, Physical & Life Sciences Division/Faculty Board**

**Approved by MPLS Division**

**Title of Programme/ Name of Regulation**

Honour School of Chemistry

**Brief note about nature of change:**

Removal of reference to departmental website address.

**Effective date**

Immediate effect

**Location of change**

In *Examination Regulations* 2014 as amended by Gazette of 19 March 2015

P 148 line 38:

In the following, 'the Course Handbook' refers to the Chemistry Undergraduate Course Handbook, posted annually at the start of Michaelmas Term by the Faculty of Chemistry on the website.

**Explanatory Notes**

**Mathematical Institute****Approved at the meeting of:****4<sup>th</sup> March 2015 (Mathematics Teaching Committee)****17<sup>th</sup> February 2015 (Joint Committee for Mathematics and Philosophy)****23<sup>rd</sup> March 2015 (Joint Committee for Mathematics and Philosophy by email)****Honour School of Mathematics and Philosophy****Brief note about nature of change:**

Minor corrections to the schedule of papers and when these changes come into effect.  
Clarification of the rules governing retaking a part of the examination and the removal of a reference to the departmental website.

**Effective date**

Change 1, 2, 4: with immediate effect.

Change 3: for students starting FHS from MT 2015 (Part A MT2015), for first examination from 2015-16

Change 5: for students starting FHS from MT 2013, (Part C MT2015), for first examination from 2015-16

**Location of change**

In *Examination Regulations* 2014.

**Detail of change**

1.

Page 298, lines 4–7

In the following 'the Mathematics Course Handbook' refers to the Mathematics Undergraduate Handbook and supplements to this published by the Teaching Committee of the Department of Mathematics. ~~and also posted on the website at:~~

<http://www.maths.ox.ac.uk/current-students/undergraduates/handbooks-synopses>

2.

Page 298, lines 20-21.

~~(b) A candidate who fails to satisfy the Examiners in Part C may enter again for Part C on at most one subsequent occasion.~~ A candidate who obtains only a pass or fails to satisfy the Examiners in Parts A and B together may retake Part B on at most one subsequent occasion; a candidate who fails to satisfy the Examiners in Part C may retake Part C on at most one subsequent occasion. Candidates who retake Part B are not allowed to go on to Part C.

3.

Page 299, lines 21–40

In Part A, each candidate shall be required to offer, from the Mathematics Part A Schedule (see below), papers ~~A1(CP)~~A0, A2, and either two papers from papers A3,A4, A5, A8 or one paper from papers A3,A4,A5,A8 and paper ASO.

A candidate may, with the support of his or her Mathematics tutor, apply to the Chair of the Joint Committee for Mathematics and Philosophy for approval of one or more other options from the list of Mathematics Department units for Part A which can be found in the Supplement to the Mathematics Course Handbook for courses in Mathematics Part A. Applications for special approval must be made through the candidate's college and sent to the Chair of the Joint Committee for Mathematics and Philosophy, c/o Academic Administrator, Mathematical Institute, to arrive by Friday of Week 2 of Hilary Term in the academic year of the examination for Part A.

Schedule of Papers in Part A

~~A1(CP) Algebra 1~~ A0 Linear Algebra

A2 Metric Spaces and Complex Analysis

~~A3 Algebra 2~~ Rings and Modules

A4 Integration

A5 Topology

A8 Probability

ASO Short Options

4.

Page 300, lines 8–19

In Philosophy the subjects shall be subjects 101–118, 120, 122, 124, 125, 127 and 199 from the list given in Special Regulations for All Honour Schools Including Philosophy. Each subject in Philosophy other than a Thesis shall be examined in one 3-hour paper. Each candidate shall offer:

(i) Four units of Mathematics from Schedule 1, two of which shall be B1.1 ~~a~~ Logic and B1.2 ~~b~~ Set Theory.

(ii) Three subjects in Philosophy from 101–118, 120, 122, 124, 125 and 127, of which two

must be 122 and either 101 or 102, and

(iii) Either two further units in Mathematics drawn from Schedule 1 and 2 combined or one further subject in Philosophy from subjects 101–118, 120, 124, 125, 127 and 199: Thesis.

5.

Page 301, lines 18–22

The topic for a Philosophy examination essay in a given subject can be any question set for the most recent examination of that subject in Honour Schools with Philosophy, with the exception of questions for Plato Republic (115) and Aristotle Nicomachean Ethics (116) consisting of multiple passages for comment, and the questions for Philosophical Logic (127) consisting of formal exercises.

**Explanatory Notes:**

1415-19-HUG

**MPLS Division**

**Mathematical Institute**

**Department of Physics**

**Approved by MPLS Division**

**Honour School of Mathematical and Theoretical Physics**

**Brief note about nature of change:** Removal of reference to departmental website address.

**Effective date**

With immediate effect.

**Location of change**

In *Examination Regulations* 2014 as amended by Gazette of 26 March 2015

**1.**

Page 303, lines 5–8

In the following 'the Course Handbook' refers to the Mathematical and Theoretical Physics Handbook and supplements to this published by the Joint Supervisory Committee for Mathematical and Theoretical Physics. ~~and also posted on the website at~~  
~~<https://www.maths.ox.ac.uk/current-students/undergraduates/handbooks-synopses>~~

**Explanatory Notes**

**Mathematical Physical and Life Sciences Division****Approved by GPC 15/02/15****Doctoral Training Programmes in MPLS****Brief note about nature of change:**

As part of some wider considerations about progression and submission in MPLS the Division has agreed that for all of our 1+3 CDT programmes - where the '1' is a terminal Masters- the three year DPhil part will follow the same timescales as a standard DPhil rather than as the second year of a four-year CDT.

**Effective date**

WEF

**Location of change**In *Examination Regulations 2014*

## Detail of change

Pp 819 | 27 – 821 | 24

(a) The regulations in cl. 2, 3 and 4 shall apply to all research students registered on the following doctoral training programmes, irrespective of the division or department they are based within for their research project:

- (i) Centres for Doctoral Training in: Autonomous Intelligent Machines and Systems; Biomedical Imaging, Cyber Security; Healthcare Innovation; Industrially Focused Mathematical Modelling; Oil and Gas; Partial Differential Equations: Analysis and Applications; Renewable Energy Marine Structures; Science and Application of Plastic Electronic Materials; Science and Technology of Fusion Energy; Statistical Science; Systems Approaches to Biomedical Science; Synthesis for Biology and Medicine; and Synthetic Biology;
- (ii) Doctoral Training Centres in: Life Sciences Interface; and Systems Biology;
- (iii) Doctoral Training Partnership in Environmental Research;
- (iv) Doctoral Training Partnership in Interdisciplinary Bioscience;
- (v) Students for the DPhil in Cardiovascular Medicinal Chemistry.

The programmes listed in (i), (ii) and (v) shall be under the supervision of the Board

of the Mathematical, Physical, and Life Sciences Division.

The programmes listed in (iii) shall be under the joint supervision of the Boards of the Mathematical, Physical, and Life Sciences Division, and the Social Sciences Division. They shall appoint a Management Board to run the programme.

The programme listed in (iv) shall be under the joint supervision of the Boards of the Mathematical, Physical, and Life Sciences Division, and the Medical Sciences Division. They shall appoint a Management Board to run the programme.

(b) The regulations in in cl. 2, 3 and 4 shall not apply to the doctoral training programmes listed below. Students shall be registered for the first year of their programme as follows:

(i) Centre for Doctoral Training in Gas Turbine Aerodynamics: students shall be registered for the first year of this programme at the University of Cambridge,

(ii) Centre for Doctoral Training in Science and Application of Plastic Electronic Materials: students shall be registered for the first year of this programme at the Imperial College of Science and Technology,

(iii) Centre for Doctoral Training in Diamond Science and Technology: students shall be registered for the first year of this programme at the University of Warwick,

(iv) Centre for Doctoral Training in Theory and Modelling in Chemical Sciences shall be registered for the first year of this programme on the MSc in Theoretical and Computational Chemistry. These programmes shall be under the supervision of the Board of the Mathematical, Physical, and Life Sciences Division.

Students on the programmes listed in b (i) - (iii) must pass the postgraduate taught course that they are registered on for the first year in order to be admitted to the status of Probationer Research Student. Students on the programme listed in a (iv) must meet the conditions specified in the regulations for the MSc in Theoretical and Computational Chemistry in order to be admitted to the status of Probationer Research Student. Students listed in b (i) to (iv) who are admitted to the status of Probationer Research Student may hold that status for up to four terms. The General Regulations Governing Research Degrees and the regulations for Research Degrees in Physical Sciences shall then apply.

## *2. Probationer Research Student Status*

- (a) Students admitted to the doctoral programmes listed in (1) shall hold the status of Probationer Research Student for a maximum of six terms

(c) Students admitted by The University of Warwick to the Centre for Doctoral Training in Statistical Science, and students admitted by the University of Bristol or the University of Warwick to the Centre for Doctoral Training in Synthetic Biology, and students admitted by the University of Nottingham to the Centre for Doctoral Training in Biomedical Imaging shall be matriculated and hold the status of Probationer Research Student Status at the University of Oxford for the first three terms of their doctoral training programme.

(d) A Probationer Research Student on a doctoral training programme listed in (1)(a) shall apply for admission to D.Phil. status normally before the end of the fifth

term, and no later than the eighth week of the sixth term.

(e) A Probationer Research Student registered on the Centre for Doctoral Training in Renewable Energy Marine Structures programme may choose to apply for admission to either the degree of Doctor of Engineering or the degree of Doctoral of Philosophy. A Student must choose which degree to apply for no later than the end of the third full-term. The Regulations below apply to students seeking to apply for and supplicate for the degree of Doctor of Philosophy. For students seeking to apply for the degree of Doctor of Engineering, the Regulations for the Doctor of Engineering shall apply.

(f) The Education Committee regulations applying to a Probationer Research Student on a doctoral training programme that govern applications for transfer from Probationer Research Student Status are set out under General Regulations Governing Research Degrees §4 cl.6; and extensions to the maximum number of terms specified above are set out under General Regulations Governing Research Degrees §4 cl.7.

(g) A Probationer Research Student on a doctoral training programme shall cease to hold such status in accordance with General Regulations Governing Research Degrees §4.10 (i)-(iii).

(h) The board may grant a student suspension from the Register of those admitted to the status of Probationer Research Student or deprive a student of his or her status; and in such cases it shall at all times follow procedures determined by the Education Committee by regulation. The board may also reinstate a student to the Register, provided that the total number of terms a Student has spent as a Probationer Research Student has not exceeded eight terms in the case of a Student on a doctoral training programme listed in (1)(a).

### *3. Confirmation of Status as a Student for the Degree of Doctor of Philosophy*

A candidate on a doctoral training programme listed in 1(a) who has been admitted to the status of Student for the Degree of Doctor of Philosophy must apply to the board for confirmation of his or her status as a D.Phil. Student no later than the eighth week of the tenth term after admission as a research student; and not normally earlier than the ninth term after that in which he or she was initially admitted to the status of a Probationer Research Student or to the status of a student for another higher degree of the University.

A Student for the Degree of Doctor of Philosophy on a doctoral training programme listed in 1(a) shall cease to hold such status unless it has been confirmed within ten terms of his or her admission to Probationer Research Student status.

### *4. Other requirements for students for the Degree of Philosophy following a doctoral training programme*

A full-time Student for the Degree of Doctor of Philosophy following a doctoral training programme may hold that status for twelve terms from admission to Probationer Research Student status.

## **Explanatory Notes**

Amendment to the timescales for examination and other arrangements for 1+3 Doctoral Programmes.



**Mathematical Institute****Approved at the meeting of Teaching Committee on 4<sup>th</sup> March 2015****Honour School of Mathematics****Brief note about nature of change:**

Changes to Parts A, B and C of the Final Honour School for Mathematics were published in the Gazette on 19<sup>th</sup> March 2015. This change makes a correction to those changes. The change shown below to Part B is not with immediate effect, as originally published. Instead, the change to Part B shown below applies to students taking FHS Part A from MT2014. The first cohort for whom this applies will therefore take their Part B examinations in the academic year 2015/16.

**Effective date**

For students starting FHS Part A from MT 2014

**Location of change**

In *Examination Regulations* 2014 as amended by Gazette of 19<sup>th</sup> March 2015

## Detail of change

1. Page 293, lines 4–9

In Part B each candidate shall offer a total of eight units from the schedule of units for Part B (see below).

(a) A total of at least ~~six~~ four units offered should be from the schedule of Mathematics Department units.

(b) A candidate may offer up to four units from:

- (i) the schedule of Statistics options
- (ii) the schedule of Computer Science options
- (iii) the schedule of Other options

but may offer no more than two units from each of the above schedules.

~~(b)~~ (c) Candidates may offer a double unit which is an Extended Essay or a Structured Project.

**Explanatory Notes**

Amendment to the effective date for the above Part B examinations.

**Mathematical, Physical & Life Sciences (MPLS) Division**

**Software Engineering Programme**

Reinstating the Postgraduate Certificate and the Postgraduate Diploma as entry points to the Software Engineering Programme, removal of obsolete regulations and renumbering.

**Effective date**

For students starting from MT 2015, for the first examination from 2015-16

**Location of change**

In *Examination Regulations* 2014, pages 710-713, as amended by the Gazette of 9 October 2014

**Detail of change**

**B.5**

Entry to the Programme is to the M.Sc., [Postgraduate Diploma or Postgraduate Certificate](#) in Software Engineering, ~~or~~ the M.Sc., [Postgraduate Diploma or Postgraduate Certificate](#) in Software and Systems Security, ~~or the Postgraduate Certificate in Object Technology.~~

**B.6**

[Based on satisfactory performance and w](#)With the approval of the Programme Director, a candidate may transfer from the M.Sc., [Postgraduate Diploma or Postgraduate Certificate](#) in Software Engineering to the M.Sc., [Postgraduate Diploma or Postgraduate Certificate](#) in Software and Systems Security, or ~~from the M.Sc. in Software and Systems Security to the M.Sc. in Software Engineering~~ [vice versa](#), subject to being eligible to study for the relevant award as set out in sections C and D below. [Transfer is also permitted from the Postgraduate Certificate in Object Technology to one of Postgraduate Certificates or Postgraduate Diplomas set out in clause 3 above.](#)

**B.7**

[Based on satisfactory performance and w](#)With the approval of the Programme Director, a candidate for the M.Sc. in Software Engineering or for the M.Sc. in Software and Systems Security may be awarded one of the Postgraduate Certificates or Postgraduate Diplomas set out in clause 3 above, [or a candidate for the Postgraduate Diploma in in Software Engineering or Software and Systems Security may be awarded one of the Postgraduate Certificates set out in clause 3 above.](#) subject to such a candidate having satisfied the criteria for the award of the relevant Postgraduate Certificate or Postgraduate Diploma as set out in sections C and D below.

#### **D.12**

~~Students on the Register shall enter for the examination for the award of the M.Sc., unless they have been given approval under clause 7 above to be awarded one of the Postgraduate Certificates or Postgraduate Diplomas.~~

#### **D.123**

Schedules A-C of modules will be published at <http://www.cs.ox.ac.uk/softeng/handbook/schedules.html>. If insufficient students register for a module the Programme Director may make the decision not to offer that module.

#### **D.134**

Every candidate will be required to satisfy the examiners in the following:

#### **D. 145**

Provided the Supervisory Committee is satisfied that a candidate has undertaken equivalent study, of an appropriate standard, normally at another institution of higher education, the committee shall have the discretion to permit the candidate to be exempted from attending, and submitting the written assignment for, modules chosen from Schedule A, B, or C, as required under clause [123](#) above as follows:

#### **D. 156**

Candidates may be required to attend a viva voce examination as part of the examination for each award at the discretion of the examiners.

#### **D. 167**

The examiners may award a distinction for excellence in the whole examination for each award.

#### **D. 178**

Candidates who fail to satisfy the examiners in the assignments under clause [134](#) above may be permitted to resubmit work in respect of part or parts of the examination which they have failed for examination on not more than one occasion which shall normally be within one year of the initial failure. No written assignment shall be submitted to the examiners on more than one occasion.

#### **E.189**

[If a candidate who was awarded of one of the Postgraduate Certificates or Postgraduate](#)

Diplomas (set out in clause 3 above) is readmitted to one of the M.Sc.s (set out in clause 3 above), then the following apply:

~~In the exceptional circumstances that a candidate granted approval under clause 7 above to be awarded of one of the Postgraduate Certificates or Postgraduate Diplomas (set out in clause 3 above) is readmitted to one of the M.Sc.s (set out in clause 3 above), then the following apply:~~

F. 1920

In the case of a candidate who is readmitted they will be subject to the Examination Conventions in force at the date of their readmission.

### **Explanatory Notes**

The changes install Postgraduate Certificates and Postgraduate Diplomas as additional entry awards, whereas previously they were only available as exit awards.

**Board of Mathematical, Physical and Life Sciences Division****Approved by MPLS Division****Title of Programme**

MSc Biomedical Engineering

To remove reference to a discontinued programme.

**Effective date**

With immediate effect.

**Location of change**

Examination Regulations 2014 p.627 line 4 – 628 line 23

**Detail of change**~~Master of Science by Coursework in Biomedical Engineering~~

- ~~• 1. The Divisional Board of Mathematical, Physical and Life Sciences, in consultation with the Faculty of Engineering Science, shall elect for the supervision of the course an Organising Committee which shall have power to arrange lectures and other instruction.~~
- ~~• 2. Candidates shall follow a course of instruction in Biomedical Engineering for at least three terms and a substantial part of the three subsequent vacations, as determined by the course timetable, and will, when entering their name for the examination, be required to produce a certificate from their society to that effect.~~
- ~~• 3. The course syllabus shall be published annually in the Course Handbook.~~
- ~~• 4. The examination shall consist of the following parts:
  - ~~○ (a) Candidates shall be required to take written papers in Biomedical Engineering and Applied Biomedical Engineering. The examiners will not provide calculators, but will permit the use of one hand-held pocket~~~~

calculator from a list of permitted calculators. This list will be published annually in the Course Handbook.

- ~~○ (b) Candidates will be required to submit two assignments on subjects selected by the committee in the area of the healthcare industry. Each assignment must be typed and must not exceed 3,000 words, except where specified. Two copies of the healthcare industry assignments must be delivered to the M.Sc. Examiners (Biomedical Engineering), c/o Examination Schools, High Street, Oxford, not later than noon on Friday of the first week of Trinity Term in the year of the examination.~~
- ~~○ (c) Candidates will be required to undertake a prescribed schedule of practical work in computational methods. In the assessment of this paper the examiners will take into consideration the failure of a candidate to complete the practical work to a level prescribed by the committee. The Course Director will provide a list showing the extent to which each candidate has satisfied these requirements.~~
- ~~○ (d) Candidates will be required to undertake a prescribed schedule of practical work in biomedical engineering. In assessing the practical work the examiners will take into consideration the failure of a candidate to complete the practical work to a level prescribed by the committee. The Course Director will provide a list showing the extent to which each candidate has satisfied these requirements.~~
- ~~○ (e) Candidates will be required to carry out a group project and to submit a written report on the project completed as part of the course of study. The subject of the project shall be approved by the Course Director. Candidates shall be required to take part in a presentation of their group project. The project report must be not more than 30 pages (including all diagrams, photographs, references and appendices). All pages should be numbered, have margins of not less than 20mm all round, and type face not less than 11 pt font with line spacing of no less than 8mm. Two copies of the group project report must be delivered to the M.Sc. Examiners (Biomedical Engineering), c/o Examination Schools, High Street, Oxford, not later than noon on Friday of the week before the start of Hilary Term in the year of the examination. The report must be the candidate's own work and should include a signed statement to this effect. No project report will be accepted if it has already been submitted wholly or substantially for another degree of this University, or for a degree at any other institution.~~
- ~~○ (f) Candidates will be required to submit a written report on an individual project completed as part of the course of study. The subject of the~~

~~project shall be approved by the Course Director. The project report must be not more than 60 pages including all diagrams, photographs, references and appendices). All pages should be numbered, have margins of not less than 20mm round, and type face not less than 11 pt font with line spacing of no less than 8mm. Three copies of the individual project report must be delivered to the M.Sc. Examiners (Biomedical Engineering), c/o Examination Schools, High Street, Oxford, not later than noon on the last Friday in August in the year of the examination. The report must be the candidate's own work and should include a signed statement to this effect. No project report will be accepted if it has already been submitted wholly or substantially for another degree of this University, or for a degree at any other institution.~~

- ~~• 5. The examiners may award a distinction for excellence in the whole examination.~~
- ~~• 6. A candidate who fails the examination will be permitted to retake it on one further occasion only, not later than one year after the initial attempt. Such a candidate whose individual or team design project report has been of satisfactory standard may resubmit the same piece of work. A candidate who has reached a satisfactory standard on any of the written assignments, laboratory reports or practical exercises will not be required to retake that part of the examination.~~
- ~~• 7. Candidates may be examined viva voce at the examiners' discretion.~~

### **Explanatory Notes**

This effects the decision made by the MPLS Division to discontinue the MSc Biomedical Engineering Programme.



**Mathematical, Physical & Life Sciences (MPLS) Division**

MSc in Computer Science

Moving details of deadlines from the Examination Regulations to the Course Handbook.

**Effective date**

For students starting from MT 2015, for first examination from 2015–16.

**Location of change**In *Examination Regulations* 2014**Detail of change**

Page 633

3. iii There shall be an examination viva voce, unless the candidate shall have been individually dispensed by the examiners, on the dissertation and on any of the topics for which he or she submitted a written assignment or written examination, to take place ~~on the Thursday of week in week~~ minus 1 of Michaelmas Term of the following academic year. ~~The exact date will be given in the Course Handbook.~~

5. Two typewritten or printed copies of the dissertation must be delivered not later than ~~noon of Monday of week minus 5 of Michaelmas Term of the following academic year~~ the date given in the Course Handbook to the M.Sc. Examiners (Computer Science), c/o Examinations Schools, High Street, Oxford.

9. Not later than noon on a date in each term to be determined by the examiners, who are responsible for making sure candidates are aware of that date and that the date is announced at the head of the assignment sheet, the completed assignment for each topic must be delivered to the M.Sc. Examiners (Computer Science), c/o Examination Schools, High Street, Oxford. Not later than noon ~~on the date given in the Course Handbook~~ Monday of the fifth week of Trinity Term, practicals for all topics must be delivered to the

M.Sc. Examiners (Computer Science), c/o the Post-Graduate Taught Course Administrator, Department of Computer Science, Oxford. Topics to be assessed by written examination will take place in Week 0 of the following term. No candidate shall attend classes or receive any form of individual tuition in the subject of an assignment between the time when the assignment is made available to the candidate and the time fixed for the delivery of the assignment to the examiners.

#### **Explanatory Notes**

There have been cases in the past where the deadlines stated in the examination regulations have clashed with a bank holiday or overlapped with the exam period. We would like to be able to amend these deadlines each year as necessary to avoid such clashes without having to update the examination regulations.

**Mathematical Institute**

**Approved at the meeting of Supervisory Committee for Mathematics and the Foundations for Computer Science**

**Master of Science by Coursework in Mathematics and Foundations of Computer Science**

**Brief note about nature of change:**

(1) To give explicit instructions on which courses can be taken from Schedule II. (2) To remove the requirement to submit a certificate with a candidates dissertation.

**Effective date**

With immediate effect

**Location of change**

In *Examination Regulations* 2014.

**Detail of change**

1.

Page 679 line 43

(a) Candidates shall successfully complete a written assignment on each of five courses chosen from a list of courses approved by the Standing Committee and published in the course handbook. The list of courses shall be divided into two sections: Section A (Mathematical Foundations) and Section B (Applicable Theories). Each section shall be divided into schedule I (basic) and schedule II (advanced). Candidates shall be required to satisfy the examiners in at least two courses taken from Section B and in at least two courses taken from schedule II [\(these need not be distinct\)](#).

2.

Page 680 line 12-14

5. Two typewritten copies of the dissertation must be delivered not later than noon on 1 September in the year in which the examination is taken, to the M.Sc. Examiners

(Mathematics and Foundations of Computer Science), c/o Examination Schools, High Street, Oxford. ~~The dissertation must be accompanied by a certificate from the candidate's society to the effect that he or she has followed for three terms a course of instruction in Mathematics and Foundations of Computer Science.~~ The examiners may retain one copy of the dissertation of each candidate who passes the examination for deposit in an appropriate departmental library.

**Explanatory Notes**

1. This makes clearer to the candidate which courses can be taken from Schedule II and that they need not be distinct.
2. This regulation pre-dates the central record system; the department can now verify the number of terms followed on the student record system.

**Mathematical, Physical & Life Sciences (MPLS) Division****Honour Schools of Computer Science, Computer Science and Philosophy, and Mathematics and Computer Science**

Moving a deadline for practical work due to the submission falling on a bank holiday.

**Effective date**

With immediate effect for all Honour School students starting from MT 2013 and thereafter, for first examination from 2015–16.

**Location of change**

In *Examination Regulations* 2014, as amended by the Gazette of 25 September 2014

**Detail of change**

Page 176

A

9. All candidates will be assessed as to their practical ability under the following provisions:

- (a) The Head of the Department of Computer Science, or a deputy, shall make available to the examiners evidence showing the extent to which each candidate has pursued an adequate course of practical work. Only that work completed and marked by noon on ~~Monday-Friday~~ of the ~~sixth~~ fifth week of the Trinity Term in which the candidate takes the examination shall be included in these records.
- (b) Candidates for each part of the examination shall submit to the Chair of the Examiners, Honour School of Computer Science, c/o the Academic Administrator, Oxford University Department of Computer Science, Oxford, by noon on ~~Monday~~ Friday of the ~~sixth~~ fifth week of the Trinity Term in which the examination is being held, their reports of practical exercises completed during their course of study. For a report on a practical exercise to be considered by the examiners, it must have been marked by a demonstrator and must be accompanied by a statement that it is the candidate's own work except where otherwise indicated.

B

1. All candidates will be assessed as to their practical ability in Computer Science under the following provisions:

- (a) The Head of the Department of Computer Science, or a deputy, shall make available to the Examiners evidence showing the extent to which each candidate has pursued an adequate course of practical work. Only that work completed and marked by noon on ~~Monday-Friday~~ of the ~~sixth~~ fifth week of the Trinity Term in which the candidate takes the examination shall be included in these records.
- (b) Candidates for each part of the examination shall submit to the Chair of Examiners, Honour School of Computer Science and Philosophy, c/o the Academic Administrator, Oxford University Department of Computer Science, Oxford, by noon on ~~Monday-Friday~~ of the ~~sixth~~ fifth week of the Trinity Term in which the examination is being held, their reports of practical exercises completed during their course of study. For a report on a practical exercise to be considered by the Examiners, it must have been marked by a demonstrator and must be accompanied by a statement that it is the candidate's own work except where otherwise indicated.

A

9. All candidates will be assessed as to their practical ability under the following provisions:

- (a) The Head of the Department of Computer Science, or a deputy, shall make available to the examiners evidence showing the extent to which each candidate has pursued an adequate course of practical work. Only that work completed and marked by noon on ~~Monday-Friday~~ of the ~~sixth~~ fifth week of the Trinity Term in which the candidate takes the examination shall be included in these records.
- (b) Candidates for each part of the examination shall submit to the Chair of the Examiners, Honour School of Mathematics and Computer Science, c/o the Academic Administrator, Oxford University Department of Computer Science, Oxford, by noon on ~~Monday-Friday~~ of the ~~sixth~~ fifth week of the Trinity Term in which the examination is being held, their reports of practical exercises completed during their course of study. For a report on a practical exercise to be considered by the examiners, it must have been marked by a demonstrator and must be accompanied by a statement that it is the candidate's own work except where otherwise indicated.

### **Explanatory Notes**

Changing of a submission deadline to avoid a bank holiday.

**Mathematical Institute**

**Approved at the meeting of Joint Supervisory Committee for Mathematics and Theoretical Physics**

**Honour School of Mathematical and Theoretical Physics**

**Brief note about nature of change:**

To update the regulations for accuracy with the amendment of an incorrect clause reference.

**Effective date**

With immediate effect.

**Location of change**

In *Examination Regulations* 2014.

**Detail of change**

1.

Page 304, line 10

5. A candidate who has transferred to Part C in Mathematical and Theoretical Physics in accordance with cl.4 above is permitted transfer to Part C of the Honour School in which he or she was registered at the time of his or her Part B examination up to the end of Week 4 of the Michaelmas Term in which he or she first registered for Part C in Mathematical and Theoretical Physics, so long as that candidate has not opted to supplicate for the degree of Bachelor of Arts under cl. ~~7~~8 below.

**Explanatory Notes**

Historical incorrect reference to cl.7

**Mathematical, Physical & Life Sciences (MPLS) Division****Preliminary Examinations in Computer Science, Computer Science and Philosophy, and Mathematics and Computer Science**

Change of internal deadline for submitting practicals.

**Effective date**

For students starting from MT 2015, for first examination from 2015–16.

**Location of change**

In *Examination Regulations* 2014

**Detail of change**

Pages 81-82

B

3. All candidates will be assessed as to their practical ability in Computer Science under the following provisions:

(a) The Head of the Department of Computer Science, or a deputy, shall make available to the examiners evidence showing the extent to which each candidate has pursued an adequate course of practical work. Only that work completed and marked by ~~noon on Monday of the sixth week of the Trinity Term in which the candidate takes the examination~~ the submission date given in the Course Handbook shall be included in these records.

(b) Candidates shall submit to the Chair of the Moderators for the Preliminary Examination in Computer Science, c/o the Academic Administrator, Oxford University Department of Computer Science, Oxford, by ~~noon on Monday of the sixth week of the Trinity Term in which the examination is being held~~ the date given in the Course Handbook, their reports of practical exercises completed during their course of study. For a report on a practical exercise to be considered by the moderators, it must have been marked by a demonstrator



and must be accompanied by a statement that it is the candidate's own work except where otherwise indicated.

Page 83

B

4. All candidates will be assessed as to their practical ability in Computer Science under the following provisions:

- (a) The Head of the Department of Computer Science, or a deputy, shall make available to the examiners evidence showing the extent to which each candidate has pursued an adequate course of practical work. Only that work completed and marked by ~~noon on Monday of the sixth week of the Trinity Term in which the candidate takes the examination~~ the submission date given in the Course Handbook shall be included in these records.
- (b) Candidates shall submit to the Chairman of the Moderators for the Preliminary Examination in Computer Science and Philosophy, c/o the Academic Administrator, Oxford University Department of Computer Science, Oxford, by ~~noon on Monday of the sixth week of the Trinity Term in which the examination is being held~~ the date given in the Course Handbook, their reports of practical exercises completed during their course of study. For a report on a practical exercise to be considered by the Moderators, it must have been marked by a demonstrator and must be accompanied by a statement that it is the candidate's own work except where otherwise indicated.

Page 105

B

3. All candidates will be assessed as to their practical ability in Computer Science under the following provisions:

- (a) The Head of the Department of Computer Science, or a deputy, shall make available to the examiners evidence showing the extent to which each candidate has pursued an adequate course of practical work. Only that work completed and marked by ~~noon on Monday of the sixth week of the Trinity Term in which the candidate takes the examination~~ the submission date given in the Course Handbook shall be included in these records.
- (b) Candidates shall submit to the Chair of the Moderators for the Preliminary Examination in Mathematics and Computer Science, c/o the Academic Administrator, Oxford University Department of Computer Science, Oxford, by ~~noon on Monday of the sixth week of the Trinity Term in which the examination is being held~~ the date given in the Course Handbook, their reports of practical exercises completed during their course of study. For a report on a practical exercise to be considered by the moderators, it must have been marked by a demonstrator and must be accompanied by a statement that it is the candidate's own work except where otherwise indicated.

**Explanatory Notes**

There have been cases in the past where the deadlines stated in the examination regulations have clashed with a bank holiday or overlapped with the exam period. We would like to be able to amend these deadlines each year as necessary to avoid such clashes without having to update the examination regulations.